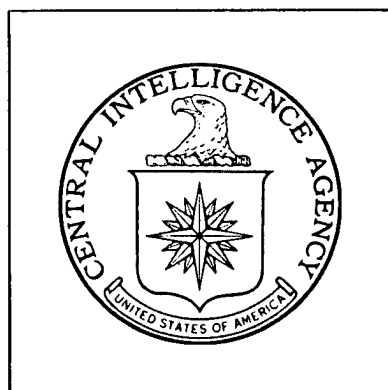


Top Secret



**DIRECTORATE OF
INTELLIGENCE**

**Industrial Facilities
(Non-Military)**

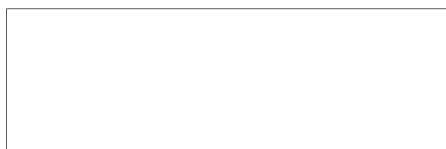
Basic Imagery Interpretation Report

Chu-chou Nitrogen Fertilizer Plant

Chu-chou, China



25X1



Top Secret

25X1

RCS 13/0048/69

DATE SEPTEMBER 1968 25X1

COPY 95

PAGES 6

Page Denied

RECORD COPY		COPY NO.	PUB. DATE	LOCATION	DATE RECEIVED	LOCATION									
Approved For Release 2008/06/12 : CIA-RDP79T00909A000400010002-0															
DISPOSITION DATE(S)				STOCK LEVEL	MINIMUM	MAXIMUM									
					1	10									
CUT TO COPIES 0	DATE 1-75	CUT TO COPIES	DATE	COPIES DESTROYED											
CUT TO COPIES	DATE	CUT TO COPIES	DATE												
CUT TO COPIES	DATE	MASTER	DATE												
DATE		RECEIVED OR ISSUED		NUMBER OF COPIES		DATE									
MO.	DAY	YR.			REC'D	ISS'D	BAL	MO.	DAY	YR.	RECEIVED OR ISSUED		NUMBER OF COPIES		
				REC'D		BAL						REC'D		BAL	
10	28	68	Dist. Unit #104-113		10	10									
11	18	70	NPIC #104			1 9									
12	27	73	Butby 105-113		9	0									
TITLE	NPIC			SEC. CLASS.			LOCATION								
Sept. 1968				TS/T/K				109444 25							

[illegible]

TOP SECRET RUFF

25X1

25X1

IMAGERY ANALYSIS SERVICE

RCS - 13/0048/69

INSTALLATION OR ACTIVITY NAME		COUNTRY
Chu-chou Nitrogen Fertilizer Plant		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	WAC-PIC NO.
49RGA055850	27-52-40N 113-05-30E	0498-1712
MAP REFERENCE		
ACIC. USATC Series 200. Sheet M0498-1A1. 2nd edition. Sep 1960, Scale 1:200,000 (SECRET)		
LATEST IMAGERY USED	NEGATION DATE (if required)	
	Not Required	

25X1

25X1

25X1

ABSTRACT

The Chu-chou Nitrogen Fertilizer Plant was in the early stages of construction when first observed on photography of March 1962, but construction apparently ceased between 1962 and 1966. October 1966 coverage revealed that work had resumed, and by April 1968 the plant was in the mid-stages of construction.

Although the plant is not yet operational, analysis of its existing facilities indicates that, when completed, the plant's primary function will be the manufacture of ammonium nitrate.

-1-

TOP SECRET RUFF

25X1

TOP SECRET RUFF

25X1

INTRODUCTION

The Chu-chou Nitrogen Fertilizer Plant, which is part of a larger industrial complex, is located 5 nautical miles (nm) northwest of the center of Chu-chou (Figure 1). A probable thermal power plant is under construction adjacent to the southern boundary of the fertilizer plant. Two other plants in the industrial complex, the Chu-chou Chemical Plant [redacted] and the Chu-chou Nonferrous Metals Plant 601 [redacted] are located approximately 0.5 nm to the northwest.

2525X1

TOP SECRET RUFF

25X1

TOP SECRET RUFF

IMAGERY ANALYSIS SERVICE

25X1

25X1

BASIC DESCRIPTION

The plant is essentially rectangular in shape, measuring approximately 2,500 by 1,500 feet, and occupies 85 acres. The security wall enclosing the plant area is not yet completed. It is served by a good road network and will be served by a rail spur, now under construction, from the Chu-chou to I-chia-wan rail line.

The primary function of the plant will be the manufacture of ammonium nitrate. Ammonia will be synthesized by combining nitrogen with hydrogen using coal and air as raw materials. Part of the ammonia will be oxidized to produce nitric acid. The remaining ammonia will be reacted with nitric acid to form ammonium nitrate. Because the plant is still under construction, many of the major production units and by-products facilities could not be identified.

The plant was in early stages of construction when first observed on photography of March 1962. The construction appears to have been suspended between 1962 and 1966. After August 1966, construction activity was resumed, and by April 1968 the plant was observed in the mid-stages of construction.

TOP SECRET RUFF

25X1

Page Denied

Next 1 Page(s) In Document Denied

TOP SECRET RUFF

IMAGERY ANALYSIS SERVICE

25X1

25X1

REFERENCES

25X1

Maps or Charts

ACIC. U.S. Air Target Chart, Series 200, Sheet M0498-IAL, 2nd edition,
Sep 60, Scale 1:200,000 (SECRET)

25X1

25X1

Documents

CIA. PIR 75071, Chu-chou Chemical Fertilizer Plant, Chu-chou, China,
January 1967 (TOP SECRET RUFF)

Requirement

EXSUBCOM - BR-N/002-69

TOP SECRET RUFF

25X1

Top Secret



Top Secret